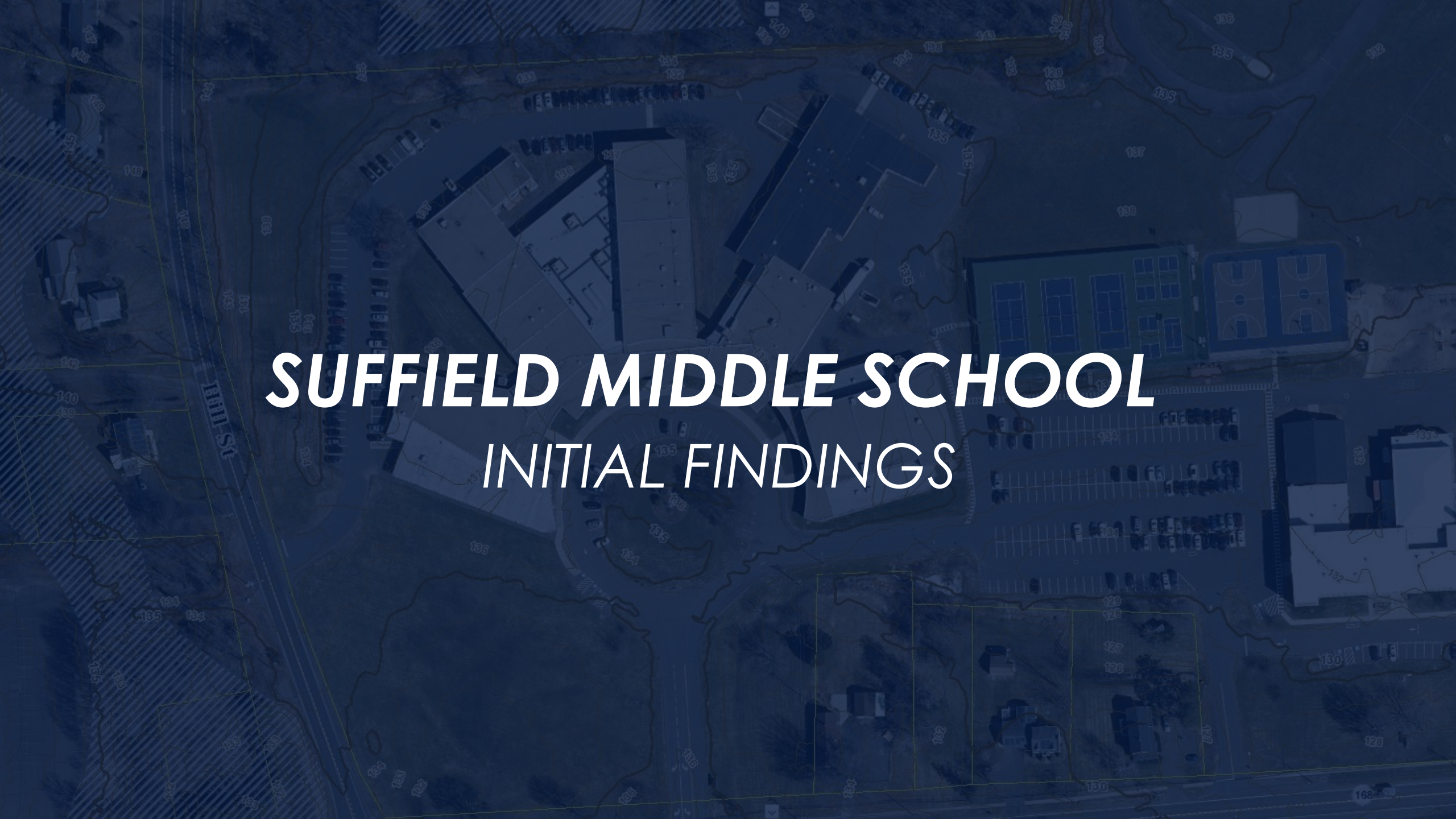
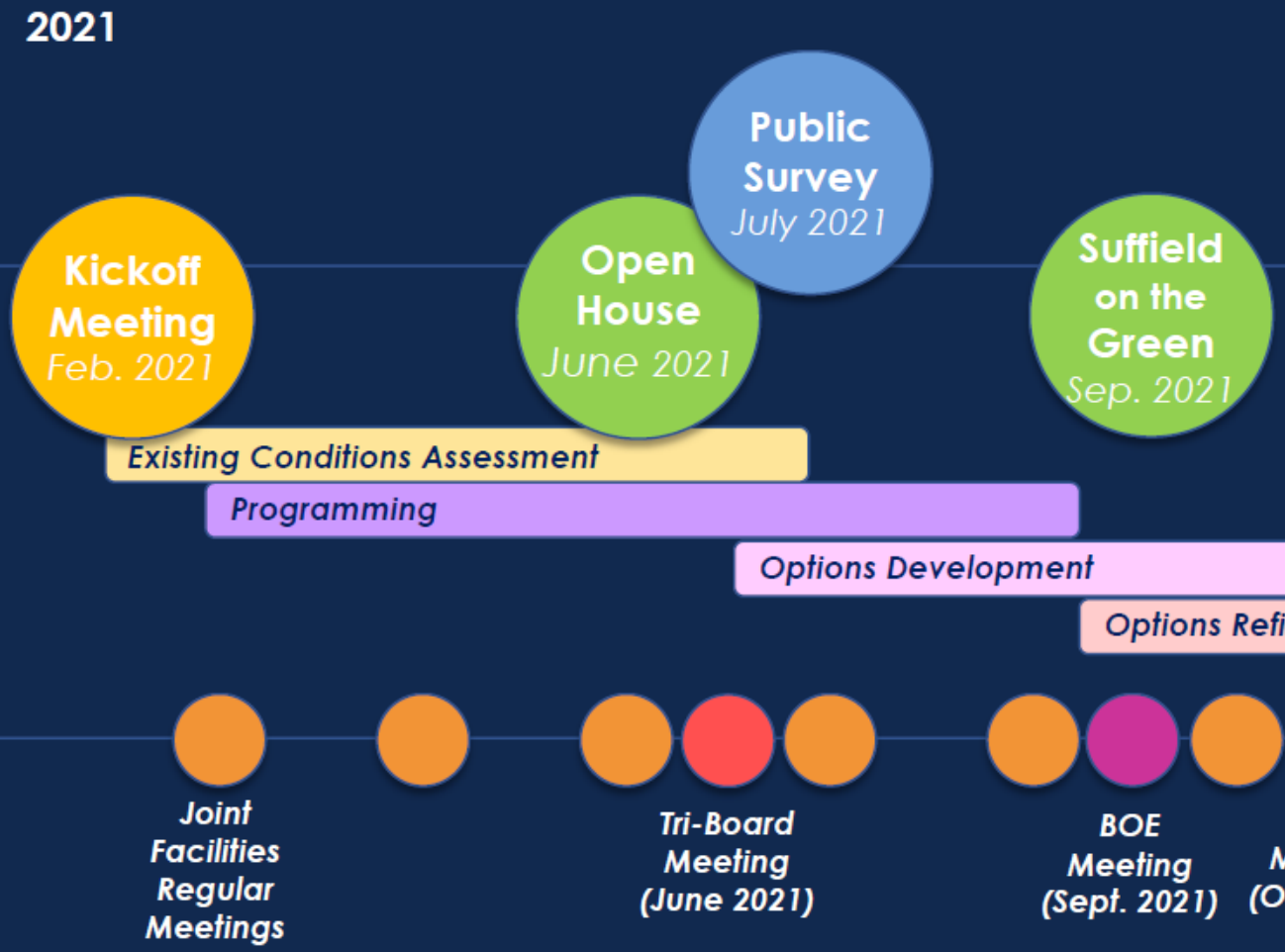


SUFFIELD MIDDLE SCHOOL

INITIAL FINDINGS

Study Process

Tecton ARCHITECTS

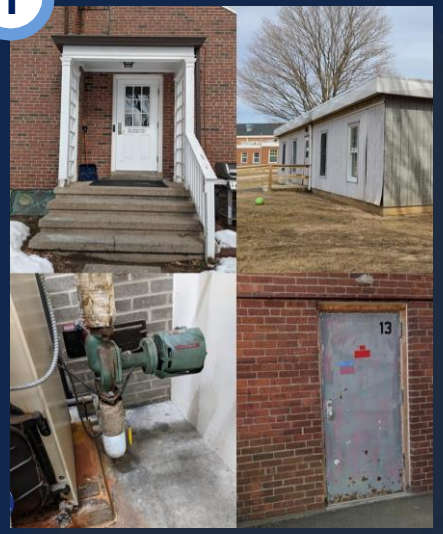


Background Information

- *Request for Qualifications (Sept./Oct. 2020)*
  - *10 Proposals*
  - *5 Selected for Interview*
- *Firm Interviews (Nov./Dec. 2020)*
- *Firm Selection (Dec. 2020)*
  - *Consultant Comparative Rating Form*
- *Milone & Macbroom Enrollment Study (Apr. 2021)*
- *Tri-Board (June 2021)*
  - *Existing Conditions Analysis (Town and School)*
- *Open House Walkthroughs (June 2021)*

Study Process

1 Existing Conditions Assessment



- Site
- Architectural Exterior
- Architectural Interior
- Code, Accessibility & Life Safety
- Building Systems

Delivered:
Existing Conditions Report

2 Programming Workshops

- Interviews with Departments, Principals, facilities & district leadership
- Benchmarking of existing space to industry standards

Delivered:
Video Narratives & Diagrams

3 Community Engagement

- Project Website & Social Media
- Open House Walkthroughs
- Community Survey
- Suffield On The Green

Delivered:
Flyers, Survey, Infographics

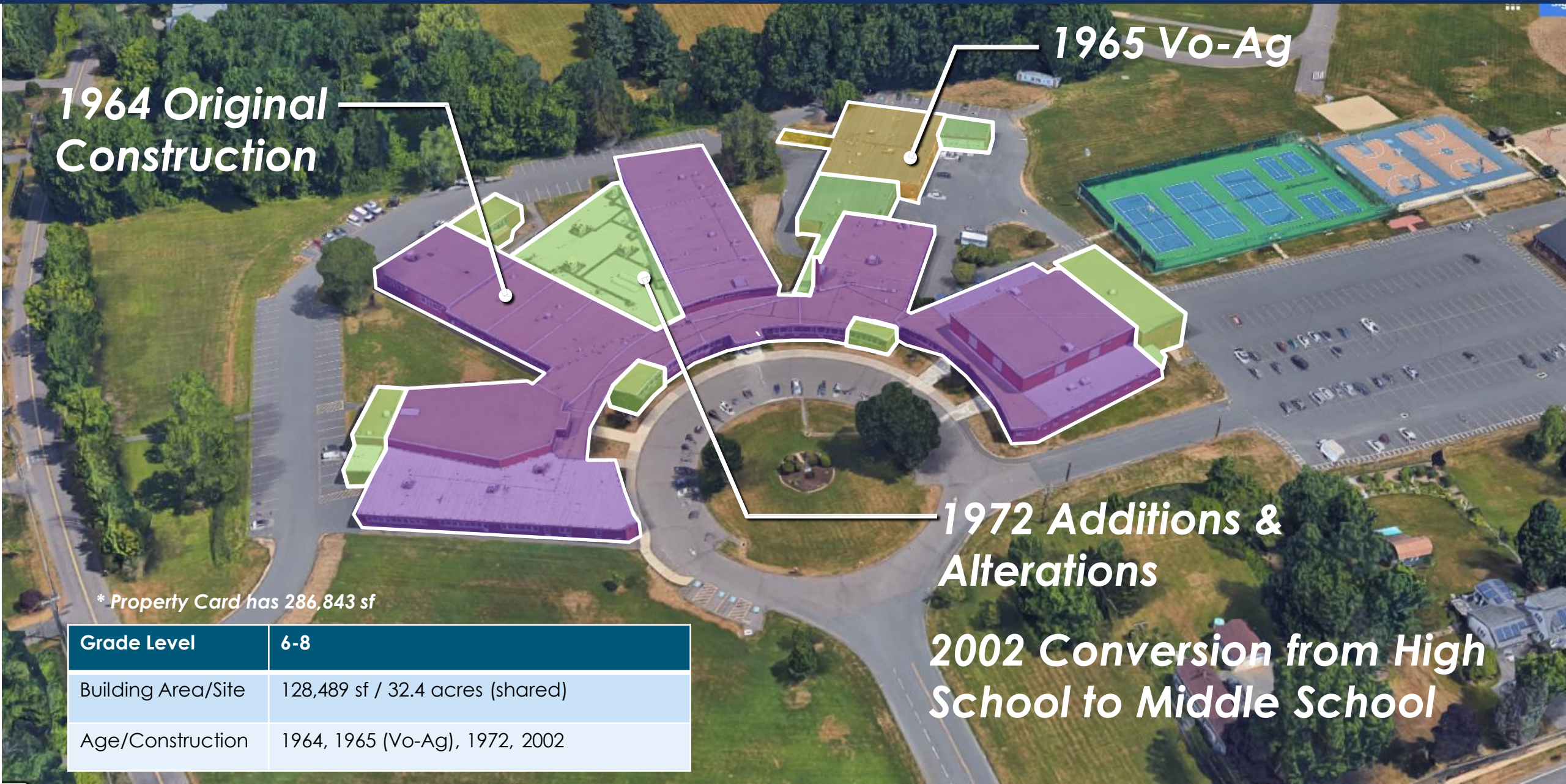
4 Committee & Board Meetings

- Joint Facilities Committee Regular Meetings
- Board of Education Update Meetings
- Tri-Board Update Meetings

Delivered:
Presentations, Planning Options

SUFFIELD MIDDLE SCHOOL ~ EXISTING CONDITIONS

Tecton ARCHITECTS



** Property Card has 286,843 sf*

Grade Level	6-8
Building Area/Site	128,489 sf / 32.4 acres (shared)
Age/Construction	1964, 1965 (Vo-Ag), 1972, 2002

SUFFIELD MIDDLE SCHOOL ~ EXISTING CONDITIONS

Site

1. *Site conditions are in fair to poor condition ~ sidewalks, curbs, paving, drainage issues,*
2. *Site traffic flow, parking, security major concerns. Unsecured perimeter access & parking a security concern.*
3. *Fields are remote from building with limited outdoor opportunities for education. Areas of poor drainage on west/southwest side of site.*

Architectural Exterior

1. *Consistent roof leaks, roof replaced in phases by different contractors, various warranties, other envelope concerns ~ pointing of masonry, doors, etc.*
2. *Majority of building contain brick veneer in fair to good condition with areas of isolated spalling at base of wall/ exposed concrete foundation wall. Existing lintels are in fair to poor condition.*

Grade Level	6-8
Building Area/Site	128,489 sf / 32.4 acres (shared)
Age/Construction	1964, 1965 (Vo-Ag), 1972, 2002

SUFFIELD MIDDLE SCHOOL ~ EXISTING CONDITIONS

Tecton ARCHITECTS

Architectural Interior

1. *Overall, well maintained brick structure, but many areas poorly constructed.*
2. *Observed significant inefficiencies due to additions/renovations over time.*
3. *Noise/Acoustical concerns in 70's additions renovations due to "modular" wall construction.*
4. *Various additions eliminated natural daylight to educational space creating poor conditions for educating students.*
5. *Overall current condition of finishes are generally in poor condition. Yearly improvements have had to be made to isolated areas, science labs, finishes in media center, tech education planned.*
6. *Majority of toilet cores are in poor condition due to age and use. In some instances, are not used/obsolete*

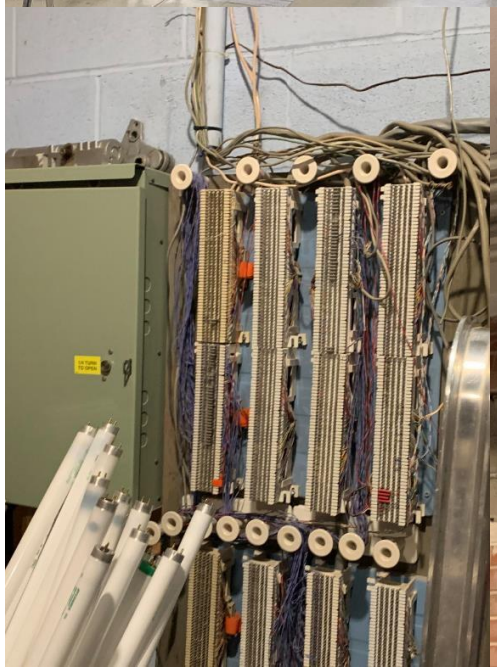
Grade Level	6-8
Building Area/Site	128,489 sf / 32.4 acres (shared)
Age/Construction	1964, 1965 (Vo-Ag), 1972, 2002

SUFFIELD MIDDLE SCHOOL ~ EXISTING CONDITIONS

Building Systems

1. *Many renovations and varying vintages of systems. Some newer, some original.*
2. *No central domestic Hot Water Plant. Lots of distributed water heaters. Leads to more maintenance and repairs.*
3. *Electrical systems have many vintages. While service is newer it back feeds original vintage systems.*
4. ***Most major mechanical systems past or at the end of their useful life.***
5. *No natural ventilation/windows to many classrooms/educational spaces.*
6. *Overall MEP systems need a complete overhaul.*

Grade Level	6-8
Building Area/Site	128,489 sf / 32.4 acres (shared)
Age/Construction	1964, 1965 (Vo-Ag), 1972, 2002



SUFFIELD MIDDLE SCHOOL ~ PROGRAMMING

Programming Discussions

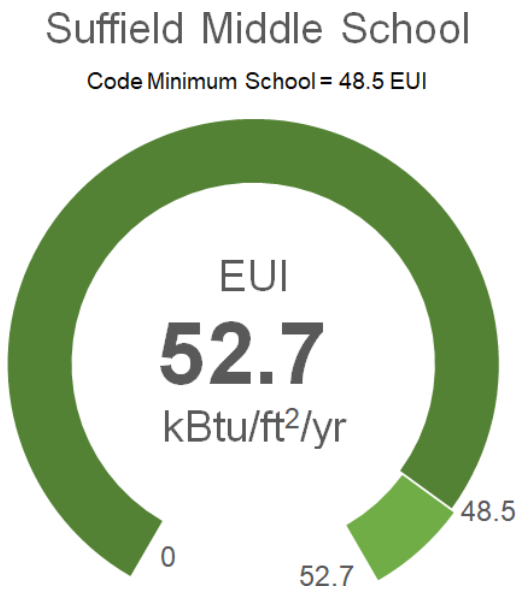
1. *Flow of the overall building a concern, tough to implement team model, share spaces, promote collaboration ~ important for this demographic.*
2. *Specialized teaching rooms & core facilities biggest concern – band, cafeteria acoustics & queuing, media center, family & consumer science outdated, limited space for tech ed., many poorly located*
3. *Lack of efficiency in the layout affects quality of education, time in class, and programs offered.*
4. *Currently circulate through classroom to attend special education classes, would like to centralize and share, save on time & reinvest into student*

Grade Level	6-8
Building Area/Site	128,489 sf / 32.4 acres (shared)
Age/Construction	1964, 1965 (Vo-Ag), 1972, 2002

WHY THE NEED? ~ EFFICIENCY OF SYSTEMS

System	Equipment Life Expectancy	Equipment Age	Useful Life Percentage
Fire Protection System	40 Years	20 Years	50%
Plumbing Water Heater	25 Years	25 Years	100%
Plumbing Piping & Fixtures	40 Years	40 Years	100%
Mechanical Boiler Plant	40 Years	25 Years	63%
Mechanical Piping & Equipment	40 Years	40 Years	100%
Mechanical Air Conditioning	25 Years	10 Years	40%
Mechanical Controls	20 Years	5 Years	25%
Electrical Service & Distribution	40 Years	20 Years	50%
Electrical Lighting	30 Years	30 Years	100%
Electrical Generator	40 Years	30 Years	75%
Fire Alarm	20 Years	25 Years	125%

Majority of systems are at or beyond 50% of Useful Life



Total CIP Projects

Tecton ARCHITECTS

Suffield Middle School - ROM Summary

Building Area: 128,489

SYSTEM / LINE ITEM DESCRIPTION	Amount	Unit	Unit Price	Current Replacement Cost	General Conditions	Bonds, Ins., Permit	(Unforeseen Conditions)	Temporary Facilities and Controls	Subtotal - Line Item	Line Item Contingency + Approx. Soft Costs (Design, printing, advertising, etc.)	Projected Line Item Cost	Escalation, Market Premium	Projected Line Item Cost W/Premium	
					10%	1.5%	7.5%	5.0%		12.5%		20%		
Site Improvements														
Repaving of existing drives	6,272	SY	$55	$ 344,972	$ 34,497	$ 5,175	$ 25,873	$ 17,249	$ 427,766	$ 53,471	$ 481,236	$ 96,247	$ 577,484	Split allocation between en
Repaving of existing parking areas	3,224	SY	$45	$ 145,063	$ 14,506	$ 2,176	$ 10,880	$ 7,253	$ 179,878	$ 22,485	$ 202,362	$ 40,472	$ 242,835	Split allocation between en
Granite curbing	3,600	LF	$50	$ 180,000	$ 18,000	$ 2,700	$ 13,500	$ 9,000	$ 223,200	$ 27,900	$ 251,100	$ 50,220	$ 301,320	Split allocation between en
Concrete sidewalks	5,767	SF	$14	$ 80,738	$ 8,074	$ 1,211	$ 6,055	$ 4,037	$ 100,115	$ 12,514	$ 112,630	$ 22,526	$ 135,155	Reuse of base material, r
Bituminous sidewalks	2,778	SY	$45	$ 125,000	$ 12,500	$ 1,875	$ 9,375	$ 6,250	$ 155,000	$ 19,375	$ 174,375	$ 34,875	$ 209,250	None
Storm water drainage	128,489	SF	$10	$ 1,284,890	$ 128,489	$ 19,273	$ 96,367	$ 64,245	$ 1,593,264	$ 199,158	$ 1,792,422	$ 358,484	$ 2,150,906	Assumes replacement on
Parking lot lighting	5	EA	$5,500	$ 27,500	$ 2,750	$ 413	$ 2,063	$ 1,375	$ 34,100	$ 4,263	$ 38,363	$ 7,673	$ 46,035	Limited site lighting existi
Play area surface	0	SY	$65	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	Includes subsurface drain
Bollard/Ground lighting	10	EA	$3,500	$ 35,000	$ 3,500	$ 525	$ 2,625	$ 1,750	$ 43,400	$ 5,425	$ 48,825	$ 9,765	$ 58,590	Limited bollard lighting =
Playground Equipment	0	EA	$65,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	Age appropriate play are
Fencing (4 ft vinyl coated chain link)	0	LF	$65	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	East and south side of site
Exterior Improvements				$ -					$ -	$ -	$ -			
Brick Repair/Repointing	128,489	SF	$8	$ 1,027,912	$ 102,791	$ 15,419	$ 77,093	$ 51,396	$ 1,274,611	$ 159,326	$ 1,433,937	$ 286,787	$ 1,720,725	replacement of spalling b
Window Replacement	11,836	SF	$75	$ 887,700	$ 88,770	$ 13,316	$ 66,578	$ 44,385	$ 1,100,748	$ 137,594	$ 1,238,342	$ 247,668	$ 1,486,010	replacement of existing
Security Window Film (Allowance)	7,891	SF	$15	$ 118,360	$ 11,836	$ 1,775	$ 8,877	$ 5,918	$ 146,766	$ 18,346	$ 165,112	$ 33,022	$ 198,135	as per CT state standards
Caulking & Sealant Replacement	128,489	SF	$2	$ 256,978	$ 25,698	$ 3,855	$ 19,273	$ 12,849	$ 318,653	$ 39,832	$ 358,484	$ 71,697	$ 430,181	backer rod and sealant re
Exterior Doors	29	EA	$3,500	$ 101,500	$ 10,150	$ 1,523	$ 7,613	$ 5,075	$ 125,860	$ 15,733	$ 141,593	$ 28,319	$ 169,911	replace with new hollow
Patch, repair, paint trim	128,489	SF	$2	$ 256,978	$ 25,698	$ 3,855	$ 19,273	$ 12,849	$ 318,653	$ 39,832	$ 358,484	$ 71,697	$ 430,181	fascia and trim replacem
Soffit, canopy repair/refinish	3,738	SF	$15	$ 56,070	$ 5,607	$ 841	$ 4,205	$ 2,804	$ 69,527	$ 8,691	$ 78,218	$ 15,644	$ 93,861	limited areas
Roof Replacement	128,489	SF	$28	$ 3,597,692	$ 359,769	$ 53,965	$ 269,827	$ 179,885	$ 4,461,138	$ 557,642	$ 5,018,780	$ 1,003,756	$ 6,022,536	replace in kind, new insul
Interior Improvements				$ -					$ -	$ -	$ -			
Door, frame, and hardware replacement	186	EA	$1,750	$ 325,500	$ 32,550	$ 4,883	$ 24,413	$ 16,275	$ 403,620	$ 50,453	$ 454,073	$ 90,815	$ 544,887	does not include security
Reconfiguration of door for ADA	51	EA	$5,000	$ 255,000	$ 25,500	$ 3,825	$ 19,125	$ 12,750	$ 316,200	$ 39,525	$ 355,725	$ 71,145	$ 426,870	reconfiguration of walls f
Flooring	120,389	SF	$15	$ 1,805,835	$ 180,584	$ 27,088	$ 135,438	$ 90,292	$ 2,239,235	$ 279,904	$ 2,519,140	$ 503,828	$ 3,022,968	assumes basic tile flooring
Gymnasium Flooring Replacement	8,100	SF	$18	$ 145,800	$ 14,580	$ 2,187	$ 10,935	$ 7,290	$ 180,792	$ 22,599	$ 203,391	$ 40,678	$ 244,069	assumes basic tile flooring
Ceilings	128,489	SF	$11	$ 1,413,379	$ 141,338	$ 21,201	$ 106,003	$ 70,669	$ 1,752,590	$ 219,074	$ 1,971,664	$ 394,333	$ 2,365,996	assumes lay in tile ceiling
Toilet Room reconfiguration/renovation	3,463	SF	$325	$ 1,125,475	$ 112,548	$ 16,882	$ 84,411	$ 56,274	$ 1,395,589	$ 174,449	$ 1,570,038	$ 314,008	$ 1,884,045	does not include fixtures c
Millwork	1,407	LF	$650	$ 914,550	$ 91,455	$ 13,718	$ 68,591	$ 45,728	$ 1,134,042	$ 141,755	$ 1,275,797	$ 255,159	$ 1,530,957	removal of existing, high
Caulking and Painting	128,489	SF	$6.5	$ 835,179	$ 83,518	$ 12,528	$ 62,638	$ 41,759	$ 1,035,621	$ 129,453	$ 1,165,074	$ 233,015	$ 1,398,089	allocation for all walls
Interior glazing	550	SF	$50	$ 27,500	$ 2,750	$ 413	$ 2,063	$ 1,375	$ 34,100	$ 4,263	$ 38,363	$ 7,673	$ 46,035	
Drinking Fountain replacements	7	EA	$6,500	$ 45,500	$ 4,550	$ 683	$ 3,413	$ 2,275	$ 56,420	$ 7,053	$ 63,473	$ 12,695	$ 76,167	equally distributed throug
Chair lift (ADA Accessibility)		EA	$65,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	Accessible route to stage
Elevator	2	STOP	$65,000	$ 130,000	$ 13,000	$ 1,950	$ 9,750	$ 6,500	$ 161,200	$ 20,150	$ 181,350	$ 36,270	$ 217,620	
Misc - Kitchen Equipment	128,489	SF	$7	$ 835,179	$ 83,518	$ 12,528	$ 62,638	$ 41,759	$ 1,035,621	$ 129,453	$ 1,165,074	$ 233,015	$ 1,398,089	complete replacement o
Division 21 - Fire Protection				$ -					$ -	$ -	$ -			
Fire Protection Distribution System	128,489	SF	$8	$ 1,027,912	$ 102,791	$ 15,419	$ 77,093	$ 51,396	$ 1,274,611	$ 159,326	$ 1,433,937	$ 286,787	$ 1,720,725	Replacement of entire fir
Fire Pump	128,489	SF	$1.50	$ 192,734	$ 19,273	$ 2,891	$ 14,455	$ 9,637	$ 238,990	$ 29,874	$ 268,863	$ 53,773	$ 322,636	Building does not contain
Division 22 - Plumbing				$ -					$ -	$ -	$ -			
Water Distribution and Drainage Systems	128,489	SF	$10	$ 1,284,890	$ 128,489	$ 19,273	$ 96,367	$ 64,245	$ 1,593,264	$ 199,158	$ 1,792,422	$ 358,484	$ 2,150,906	A majority of the piping is
Plumbing Fixtures / Equipment	128,489	SF	$5	$ 642,445	$ 64,245	$ 9,637	$ 48,183	$ 32,122	$ 796,632	$ 99,579	$ 896,211	$ 179,242	$ 1,075,453	Replacement of all plumb
Water Heaters	128,489	SF	$1.50	$ 192,734	$ 19,273	$ 2,891	$ 14,455	$ 9,637	$ 238,990	$ 29,874	$ 268,863	$ 53,773	$ 322,636	Water heaters vary in age
Misc - Sanitary Slab Cutting, Floor Repair, Trenching	128,489	SF	$5	$ 642,445	$ 64,245	$ 9,637	$ 48,183	$ 32,122	$ 796,632	$ 99,579	$ 896,211	$ 179,242	$ 1,075,453	
Division 23 - Mechanical				$ -					$ -	$ -	$ -			
Heating Plant (Boilers, Pumps, etc.)	128,489	SF	$5	$ 642,445	$ 64,245	$ 9,637	$ 48,183	$ 32,122	$ 796,632	$ 99,579	$ 896,211	$ 179,242	$ 1,075,453	All heating plant equipm
Terminal Units	128,489	SF	$5	$ 642,445	$ 64,245	$ 9,637	$ 48,183	$ 32,122	$ 796,632	$ 99,579	$ 896,211	$ 179,242	$ 1,075,453	Convectors, unit heaters,
Air Handling Systems	128,489	SF	$7	$ 899,423	$ 89,942	$ 13,491	$ 67,457	$ 44,971	$ 1,115,285	$ 139,411	$ 1,254,695	$ 250,939	$ 1,505,634	Air handling systems, duc
Control Systems	128,489	SF	$8	$ 1,027,912	$ 102,791	$ 15,419	$ 77,093	$ 51,396	$ 1,274,611	$ 159,326	$ 1,433,937	$ 286,787	$ 1,720,725	BMS does not work prope
Air Conditioning	128,489	SF	$5	$ 642,445	$ 64,245	$ 9,637	$ 48,183	$ 32,122	$ 796,632	$ 99,579	$ 896,211	$ 179,242	$ 1,075,453	There is no central air con
HVAC Modernization Premium	128,489	SF	$40	$ 5,139,560	$ 513,956	$ 77,093	$ 385,467	$ 256,978	$ 6,373,054	$ 796,632	$ 7,169,686	$ 1,433,937	$ 8,603,623	Costs above are to repla
Division 26 - Electrical				$ -					$ -	$ -	$ -			
Electrical Service / Distribution	128,489	SF	$25	$ 3,212,225	$ 321,223	$ 48,183	$ 240,917	$ 160,611	$ 3,983,159	$ 497,895	$ 4,481,054	$ 896,211	$ 5,377,265	Electric service appears t
Generator	128,489	SF	$1.5	$ 192,734	$ 19,273	$ 2,891	$ 14,455	$ 9,637	$ 238,990	$ 29,874	$ 268,863	$ 53,773	$ 322,636	Generator is in service ab
Lighting - General	128,489	SF	$8	$ 1,027,912	$ 102,791	$ 15,419	$ 77,093	$ 51,396	$ 1,274,611	$ 159,326	$ 1,433,937	$ 286,787	$ 1,720,725	Fluorescent fixtures install
Fire Alarm System	128,489	SF	$7	$ 899,423	$ 89,942	$ 13,491	$ 67,457	$ 44,971	$ 1,115,285	$ 139,411	$ 1,254,695	$ 250,939	$ 1,505,634	Fire alarm system is in goo
Technology Infrastructure	128,489	SF	$12	$ 1,541,868	$ 154,187	$ 23,128	$ 115,640	$ 77,093	$ 1,911,916	$ 238,990	$ 2,150,906	$ 430,181	$ 2,581,087	
Security Alarms and control devices	128,489	SF	$5	$ 642,445	$ 64,245	$ 9,637	$ 48,183	$ 32,122	$ 796,632	$ 99,579	$ 896,211	$ 179,242	$ 1,075,453	
Subtotal for CIP Items				$ 36,879,244					$ 45,730,263		$ 51,446,546	$ 10,289,309	$ 61,735,855	
Cost Per Square Foot				$ 287.02	$ -	$ -	$ -	$ -	$ 355.91	$ -	$ 400.40	$ 80.08	$ 480.48	

Abbreviated CIP Projects >$500,000

Tecton ARCHITECTS

Suffield Middle School - ROM Summary										Building Area:
SYSTEM / LINEITEM DESCRIPTION	Current Replacement Cost	General Conditions	Bonds, Ins., Permit	(Unforeseen Conditions)	Temporary Facilities and Controls	Subtotal - Line Item	Line Item Contingency + Approx. Soft Costs (Design, printing, advertising, etc.)	Projected Line Item Cost	Escalation, Market Premium	Projected Line Item Cost W/Premium
		10%	1.5%	7.5%	5.0%		12.5%		20%	
Site Improvements										
Repaving of existing drives	$ 344,972	$ 34,497	$ 5,175	$ 25,873	$ 17,249	$ 427,766	$ 53,471	$ 481,236	$ 96,247	$ 577,484
Repaving of existing parking areas	$ 145,063	$ 14,506	$ 2,176	$ 10,880	$ 7,253	$ 179,878	$ 22,485	$ 202,362	$ 40,472	$ 242,835
Storm water drainage	$ 1,284,890	$ 128,489	$ 19,273	$ 96,367	$ 64,245	$ 1,593,264	$ 199,158	$ 1,792,422	$ 358,484	$ 2,150,906
Exterior Improvements	$ -					$ -	$ -	$ -		
Brick Repair/Repointing	$ 1,027,912	$ 102,791	$ 15,419	$ 77,093	$ 51,396	$ 1,274,611	$ 159,326	$ 1,433,937	$ 286,787	$ 1,720,725
Window Replacement	$ 887,700	$ 88,770	$ 13,316	$ 66,578	$ 44,385	$ 1,100,748	$ 137,594	$ 1,238,342	$ 247,668	$ 1,486,010
Roof Replacement	$ 3,597,692	$ 359,769	$ 53,965	$ 269,827	$ 179,885	$ 4,461,138	$ 557,642	$ 5,018,780	$ 1,003,756	$ 6,022,536
Interior Improvements	$ -					$ -	$ -	$ -		
Flooring	$ 1,805,835	$ 180,584	$ 27,088	$ 135,438	$ 90,292	$ 2,239,235	$ 279,904	$ 2,519,140	$ 503,828	$ 3,022,968
Ceilings	$ 1,413,379	$ 141,338	$ 21,201	$ 106,003	$ 70,669	$ 1,752,590	$ 219,074	$ 1,971,664	$ 394,333	$ 2,365,996
Toilet Room reconfiguration/renovation	$ 1,125,475	$ 112,548	$ 16,882	$ 84,411	$ 56,274	$ 1,395,589	$ 174,449	$ 1,570,038	$ 314,008	$ 1,884,045
Millwork	$ 914,550	$ 91,455	$ 13,718	$ 68,591	$ 45,728	$ 1,134,042	$ 141,755	$ 1,275,797	$ 255,159	$ 1,530,957
Caulking and Painting	$ 835,179	$ 83,518	$ 12,528	$ 62,638	$ 41,759	$ 1,035,621	$ 129,453	$ 1,165,074	$ 233,015	$ 1,398,089
Misc - Kitchen Equipment	$ 835,179	$ 83,518	$ 12,528	$ 62,638	$ 41,759	$ 1,035,621	$ 129,453	$ 1,165,074	$ 233,015	$ 1,398,089
Division 21 - Fire Protection	$ -					$ -	$ -	$ -		
Fire Protection Distribution System	$ 1,027,912	$ 102,791	$ 15,419	$ 77,093	$ 51,396	$ 1,274,611	$ 159,326	$ 1,433,937	$ 286,787	$ 1,720,725
Division 22 - Plumbing	$ -					$ -	$ -	$ -		
Water Distribution and Drainage Systems	$ 1,284,890	$ 128,489	$ 19,273	$ 96,367	$ 64,245	$ 1,593,264	$ 199,158	$ 1,792,422	$ 358,484	$ 2,150,906
Plumbing Fixtures / Equipment	$ 642,445	$ 64,245	$ 9,637	$ 48,183	$ 32,122	$ 796,632	$ 99,579	$ 896,211	$ 179,242	$ 1,075,453
Misc ~ Sanitary Slab Cutting, Floor Repair, Trenching	$ 642,445	$ 64,245	$ 9,637	$ 48,183	$ 32,122	$ 796,632	$ 99,579	$ 896,211	$ 179,242	$ 1,075,453
Division 23 - Mechanical	$ -					$ -	$ -	$ -		
Heating Plant (Boilers, Pumps, etc.)	$ 642,445	$ 64,245	$ 9,637	$ 48,183	$ 32,122	$ 796,632	$ 99,579	$ 896,211	$ 179,242	$ 1,075,453
Terminal Units	$ 642,445	$ 64,245	$ 9,637	$ 48,183	$ 32,122	$ 796,632	$ 99,579	$ 896,211	$ 179,242	$ 1,075,453
Air Handling Systems	$ 899,423	$ 89,942	$ 13,491	$ 67,457	$ 44,971	$ 1,115,285	$ 139,411	$ 1,254,695	$ 250,939	$ 1,505,634
Control Systems	$ 1,027,912	$ 102,791	$ 15,419	$ 77,093	$ 51,396	$ 1,274,611	$ 159,326	$ 1,433,937	$ 286,787	$ 1,720,725
Air Conditioning	$ 642,445	$ 64,245	$ 9,637	$ 48,183	$ 32,122	$ 796,632	$ 99,579	$ 896,211	$ 179,242	$ 1,075,453
HVAC Modernization Premium	$ 5,139,560	$ 513,956	$ 77,093	$ 385,467	$ 256,978	$ 6,373,054	$ 796,632	$ 7,169,686	$ 1,433,937	$ 8,603,623
Division 26 - Electrical	$ -					$ -	$ -	$ -		
Electrical Service / Distribution	$ 3,212,225	$ 321,223	$ 48,183	$ 240,917	$ 160,611	$ 3,983,159	$ 497,895	$ 4,481,054	$ 896,211	$ 5,377,265
Lighting - General	$ 1,027,912	$ 102,791	$ 15,419	$ 77,093	$ 51,396	$ 1,274,611	$ 159,326	$ 1,433,937	$ 286,787	$ 1,720,725
Fire Alarm System	$ 899,423	$ 89,942	$ 13,491	$ 67,457	$ 44,971	$ 1,115,285	$ 139,411	$ 1,254,695	$ 250,939	$ 1,505,634
Technology Infrastructure	$ 1,541,868	$ 154,187	$ 23,128	$ 115,640	$ 77,093	$ 1,911,916	$ 238,990	$ 2,150,906	$ 430,181	$ 2,581,087
Security Alarms and control devices	$ 642,445	$ 64,245	$ 9,637	$ 48,183	$ 32,122	$ 796,632	$ 99,579	$ 896,211	$ 179,242	$ 1,075,453
Subtotal for CIP Items	**$ 34,133,620**					**$ 42,325,688**		**$ 47,616,400**	**$ 9,523,280**	**$ 57,139,679**

NEW (6-8) *(WITH ADAPTIVE REUSE OF EXISTING)*

3

New 6-8 @ SMS			
Grade Levels	Proj. Enr.	OSCG Standard. Sf/St.	
Grade 6	151	152	75,096
Grade 7	151	176	
Grade 8	145	176	
Total	**447**		
Max. Area Allowed	75,096		
New Building	75,096		
Existing Building	128,489		

Project Cost Summary				
Scope of work	**Amt.**	**Unit**	**Cost/Unit**	**Cost**
Site Improvements	14.00	Acres	$325,000	$4,550,000
Parking Lot & Vehicular Circ.	250	spaces	$9,250	$2,312,500
Whole Building Haz. Mat. Abatement	87,249	sf	$20.00	$1,744,980
Whole Building Demolition	87,249	sf	$15.00	$1,308,735
New Construction	75,096	sf	$475.00	$35,670,600
Geothermal Bore Field	75,096	sf	$12.50	$938,700
PV Array & Netzero Premium	75,096	sf	$17.50	$1,314,180
Subtotal		Avg/sf	$637.05	$47,839,695
Soft Costs	19.5%			$9,328,741
Cost Escalation (Mid point of const. Mar. 2026)	12.5%	4%/year		$7,146,054
Portable Lease Costs	0	mth/CR	$1,500	$0
Total Project Costs			$856.43	$64,314,490
State Reimbursement			43.93%	($28,253,355)
Ineligibles**			2.00%	$1,286,290
New Middle School (6-8) Estimated Total Cost to Suffield				**$37,347,424**

Key Statistics

- *Based upon historical averages & requires refinement once preferred option selected*
- *Requires strategy for Environmental / Haz Materials*
- *Sustainable strategies require commitment early (carbon neutral/net zero)*
- *New vs. Renovate as New (RNV)* ***43.93% vs. 53.93%***
- ***Renovated portion of existing M.S. may require space waiver and/or special legislation***

Renovated Portiond of (E) Middle School				
RNV BOE Offices	5,957	sf	$225.00	$1,340,325
Alternative Education HS (Gym.)	21,684	sf	$225.00	$4,878,900
Specialized Ed. Program (Aud.)	13,599	sf	$225.00	$3,059,775
Site Improvements	5.00	Acres	$325,000	$1,625,000
Subtotal				$10,904,000
Soft Costs	14.5%			$1,581,080
Cost Escalation (Mid point of const. Mar. 2026)	12.5%	4%/year		$1,560,635
Total Project Costs			$340.58	$14,045,715
State Reimbursement (1/2 reimb. For BOE)			53.93%	($7,213,435)
Ineligibles**			2.50%	$351,143
RNV (Aud, BOE, Gym.) Estimated Total Cost to Suffield				**$7,183,422**
Estimated Cost/SF to Suffield				**$44,530,847**

Cost to Suffield ~ 42~46 Mil.

NEW BUILDING ~ *WITH ADAPTIVE REUSE OF EXISTING*

Tecton ARCHITECTS

2

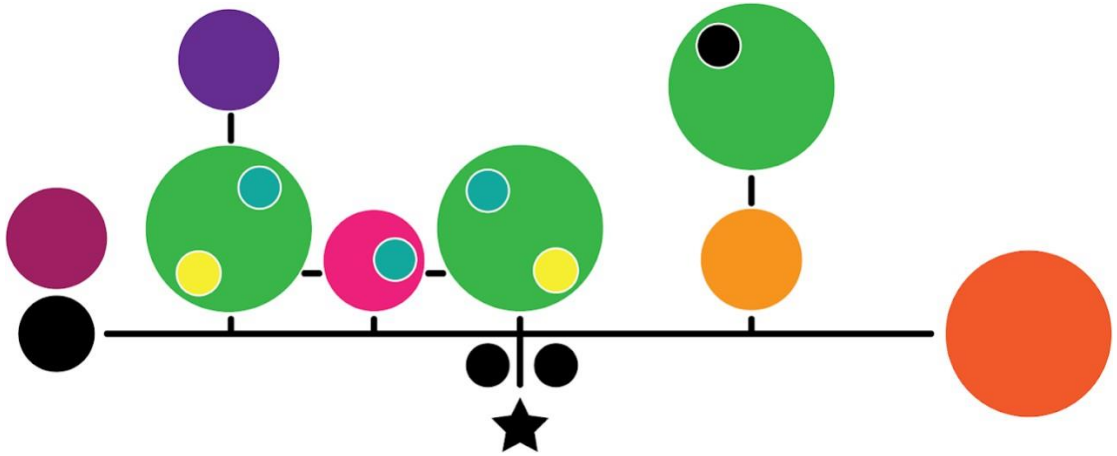
Natural Daylight

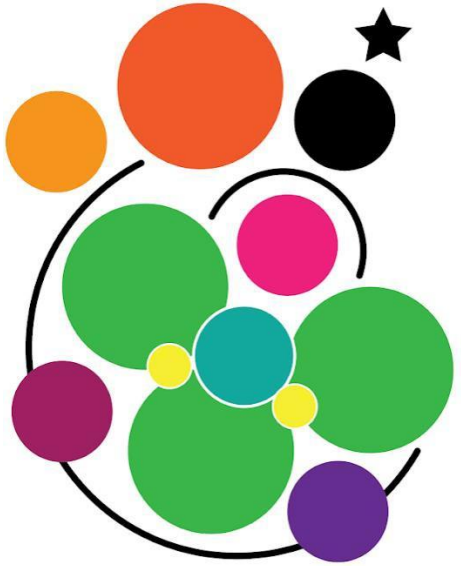
Technology & Innovation

Collaboration Spaces

Flexible & Adaptable

SUFFIELD MIDDLE SCHOOL ~ PROGRAMMING





- Entrance
- Office/Admin
- Classrooms
- Gym
- Cafeteria
- Science
- Special Education
- Media/Resource
- Art/Maker
- Auditorium/Music

What's Existing

- Linear flow
- Divided Admin area
- Media Center not the heart of the school
- Specials are too far away from each other and general classrooms
- Special Education is too spread out and doesn't work

What's Desired

- Improved flow
- Consolidated Admin area
- Media Center surrounded by neighborhoods
- Neighborhoods surrounded by Specials
- Special Education accessible to all

SUFFIELD MIDDLE SCHOOL ~ Why do a building project?

Tecton ARCHITECTS

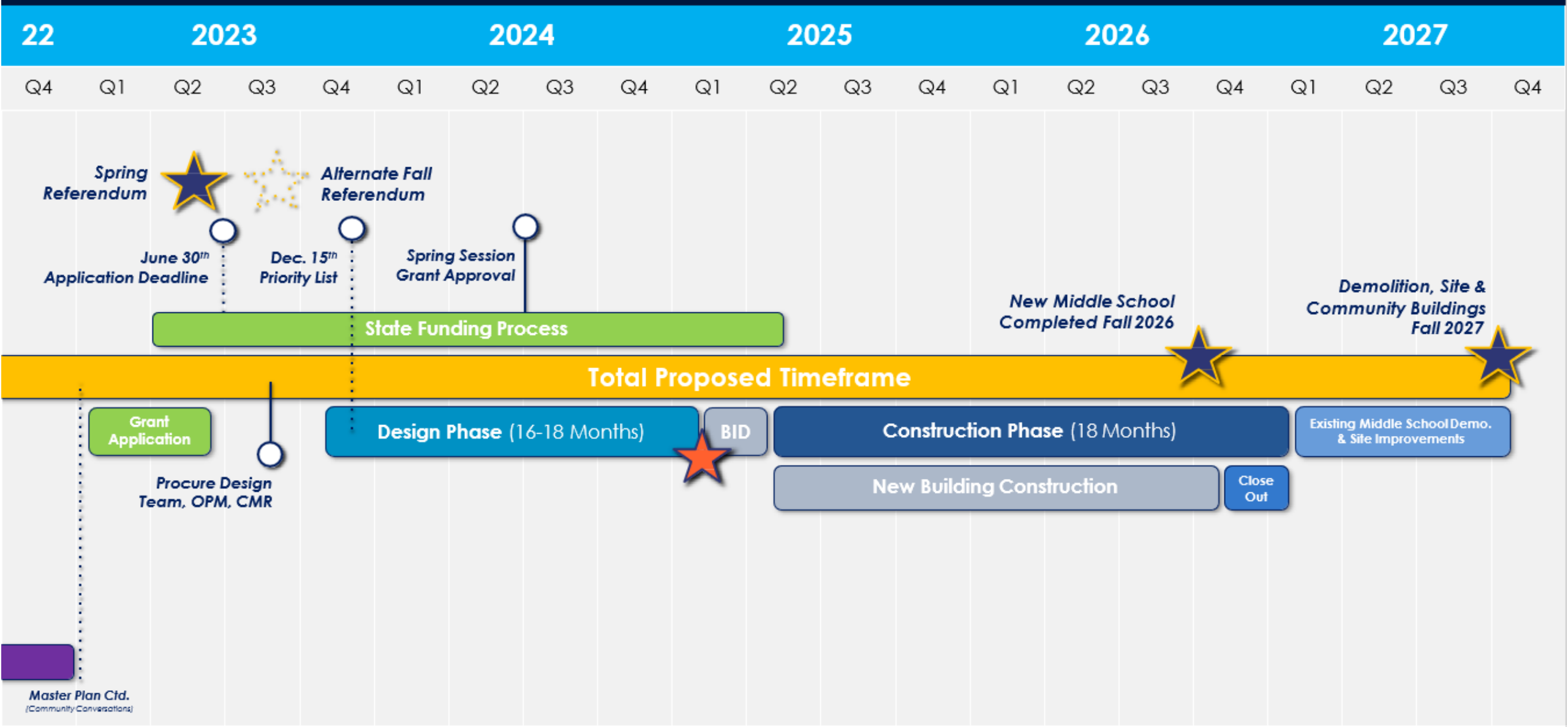
Current Challenges

- *Grade-level student teams split across floors and different hallways.*
- *Orientation of classroom spaces/furniture not conducive for current pedagogical practices.*
- *Unified Arts classes are not located in a concentrated area in the building – literally spans the length of the building. Family consumer science classroom outdated and proper line-of-sight (safety).*
- *Administrative offices not connected.*
- *Current Library Media Center not designed to facilitate the learning of next generation skills and knowledge.*
- *Band and chorus rooms not adequate size to conduct ensemble classes.*
- *Outside traffic (car/bus) flow is poor.*

Educational Program Enhancement

- *Grade-Level and team-based classroom learning pods.*
- *Classrooms with embedded technology and space for collaborative teaching and learning.*
- *Planful building design focused on appropriate spaces for curricular areas (Unified Arts, Fine Arts, etc.) and proper student traffic flow.*
- *Concentrated administrative function (main office and school counseling office connected).*
- *New Media Center becomes learning hub for the whole school.*
- *Large band and chorus ensemble learning spaces.*
- *Open, modern and "green" building measures will provide efficiencies and cost savings.*
- *Enhanced safety and security measures for students and staff.*

MILESTONE SCHEDULE - NEW BUILDING



SUFFIELD MIDDLE SCHOOL

Questions?